**Amendments to the Claims**:

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**:

1-34.    (canceled)

35.    (currently amended)  A computer-implemented method comprising:

receiving, from a user, a first example of target information, where the first example includes a first tuple that corresponds to the target information in documents stored in a database, the first tuple including a plurality of fields;

finding ones of the documents in the database that contain the first tuple;

analyzing the ones of the documents in the database to ~~identify~~ recognize a pattern, in the ones of the documents, ~~that defines a manner in which~~ that includes the first tuple and at least one of text that precedes the plurality of fields of the first tuple, text that occurs between at least two of the plurality of fields of the first tuple, or text that follows the plurality of fields of the first tuple ~~is presented in the ones of the documents, where the pattern and the first tuple differ~~; and

~~finding~~ automatically searching the database for at least a second tuple ~~in the database~~ that matches the pattern, where the at least a second tuple is a second example of the target information and differs from the first tuple and the pattern.

36.    (currently amended)  The method of claim 35, ~~wherein~~ where the pattern is defined as text that matches a regular expression.

37.     (currently amended)  The method of claim 36, ~~wherein~~ <u>where</u> the text includes hyper-text markup language (HTML).

38.     (currently amended)  The method of claim 35, ~~wherein~~ <u>where</u> the pattern includes ~~middle text, where~~ the ~~middle~~ text [[is]] <u>that occurs</u> between two of the fields of the first tuple.

39.     (currently amended)  The method of claim 38, ~~wherein~~ <u>where</u> the pattern includes ~~prefix text and suffix text, where the prefix~~ <u>the</u> text <u>that</u> precedes the <u>plurality of</u> fields in the first tuple and the ~~suffix~~ text <u>that</u> follows the <u>plurality of</u> fields in the first tuple.

40.     (previously presented)  The method of claim 35, further comprising:

recognizing a plurality of different patterns based on the at least a second tuple.

41.     (previously presented)  The method of claim 35, where the pattern matches the fields of the first tuple.

42.     (canceled)

43.     (currently amended)  The method of claim 35, ~~wherein~~ where the pattern is defined by a regular expression, context free grammar, or computable function.


44.     (currently amended)  The method of claim 35, ~~wherein~~ where the database includes documents retrievable via the World Wide Web.


45.     (currently amended)  A computer-readable storage device including instructions for execution by a processor, the instructions comprising:

instructions to receive, from a user, a first example of target information, where the target information includes a tuple that corresponds to the target information in documents stored in a database, the tuple including a plurality of fields;

instructions to find ones of the documents in the database that contain the tuple;

instructions to analyze the ones of the documents to ~~identify~~ recognize a pattern, in the ones of the documents, ~~that defines a manner in which~~ that includes the tuple and at least one of text that precedes the plurality of fields of the tuple, text that occurs between two fields of the tuple, or text that follows the plurality of fields of the tuple ~~is presented in the ones of the documents, where the identified pattern and the tuple differ~~; and

instructions to [[find]] automatically search the database for one or more other tuples ~~in the database which~~ that match the pattern, where the one or more other tuples are other examples of the target information and differ from each other, the tuple, and the pattern.

46.    (currently amended)  The computer-readable storage device of claim 45,

further comprising:

      instructions to match [[a]] the plurality of fields of the identified tuple to

the determined pattern.


47.    (currently amended)  The computer-readable storage device of claim 45,

~~wherein~~ where the recognized pattern is defined as text that matches a regular expression.


48.    (previously presented)  The computer-readable storage device of claim 45,

further comprising:

      instructions to recognize a plurality of different patterns based on the other

examples of the target information.


49.    (currently amended)  A computing device comprising:

      a memory to store instructions; and

      a processor ~~configured~~ to execute the instructions to:

            receive, from a user, a set of examples of a first type of

information, where the set of the examples includes one or more tuples that correspond to

the first type of information in documents stored in a database, each of the one or more

tuples including a plurality of fields;

            find the documents in the database that contain the one or more

tuples;

analyze the documents to identify a plurality of patterns<u> of at least</u> <u>one of text that precedes the plurality of fields of </u>~~that define a manner in which~~ the one or more tuples<u>, text that occurs between two fields of the one or more tuples, or text that</u> <u>follows the plurality of fields of the one or more tuples</u> ~~occur in the documents, where the~~ ~~patterns differ from the one or more tuples, the patterns matching the fields of the one or~~ ~~more tuples~~; and

[[find]] <u>automatically search the database for</u> at least one other tuple ~~in the database~~ that matches one of the patterns, where the at least one other tuple is another example of the first type of information and the at least one other tuple differs from the set of [[the]] examples and the patterns.

50-60. (canceled)

61. (new) The computing device of claim 49, where at least one pattern of the plurality of patterns includes the text that occurs between two fields of the one or more tuples.

62. (new) The computing device of claim 49, where at least one pattern of the plurality of patterns includes the text precedes the plurality of fields of the one or more tuples and the text that follows the plurality of fields of the one or more tuples.

63. (new) A computer-implemented method comprising:

receiving, from a user, a first example of target information, where the first example includes a first tuple that corresponds to the target information in documents stored in a database, the first tuple including a plurality of fields;

finding ones of the documents in the database that contain the first tuple;

extracting occurrences of the first tuple from the ones of the documents, each occurrence including the first tuple and at least one of text preceding the plurality of fields of the first tuple, text occurring between two of the plurality of fields of the first tuple, or text following the plurality of fields of the first tuple;

analyzing the extracted occurrences to recognize a pattern, in the ones of the documents, of the first tuple and the at least one of the text preceding the plurality of fields of the first tuple, the text occurring between two fields of the first tuple, or the text following the plurality of fields of the first tuple; and

automatically searching the database for at least a second tuple that matches the pattern, where the at least a second tuple is a second example of the target information and differs from the first tuple and the pattern.


64.    (new)  The method of claim 63, where each occurrence includes the first tuple, the text preceding the plurality of fields of the first tuple, the text occurring between two fields of the first tuple, and the text following the plurality of fields of the first tuple.


65.    (new)  The method of claim 63, further comprising:

recognizing a plurality of different patterns based on the at least a second

tuple.